

## WEST Search History for Application 10827397

Creation Date: 20080320 21:30

Query	DB	Op.	Plur.	Thes.	Date
3495927.pn.	PGPB, USPT, USOC	OR	YES		03-20-2008
3947351.pn.	PGPB, USPT, USOC	OR	YES		03-20-2008
4505797.pn.	PGPB, USPT, USOC	OR	YES		03-20-2008
cation near4 exchange	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange ) and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) ) and bromonat\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) ) and brominat\$4	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol)))	PGPB, USPT,	OR	YES		03-20-2008

alcohol))) ) and (brominat\$4 or bromine)	USOC, EPAB, JPAB, DWPI, TDBD				
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) and (brominat\$4 or bromine) ) and (sulfonic near5 group)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) and (brominat\$4 or bromine) and (sulfonic near5 group) ) and (cation near5 membrane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) and (brominat\$4 or bromine) ) and (cation near5 membrane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008
(cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) and (brominat\$4 or bromine) and (cation near5 membrane) ) not (cation near4 exchange and ((polyvinyl near2 alcohol) or polyvinylalcohol or pva or (poly near2 (vinyl near2 alcohol))) and (brominat\$4 or bromine) and (sulfonic near5 group) and (cation near5 membrane) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		03-20-2008